

UP SOLID WASTE FORUM

WASTE CHARACTERIZATION
HAZARDOUS WASTE EXAMPLES

Department of Environmental Quality

Office of Waste Management and Radiological Protection

February 26, 2015

EXAMPLES

- Remediation projects
 - Sediment
 - Soil
 - Debris

REMEDIATION PROJECTS TITTABAWASSEE RIVER



REMEDIATION PROJECTS

SEDIMENT REMOVAL



REMEDIATION PROJECTS MIDLAND SOIL REMOVAL



REMEDIATION PROJECTS

CMU FLOORING REMOVAL

- The flooring contained the following metals which tested as hazardous waste.
 - Mercury
 - Lead
 - Cadmium

REMEDIATION PROJECTS

CMU FLOORING REMOVAL



REMEDIATION PROJECTS

CMU FLOORING REMOVAL



REMEDIATION PROJECTS

CMU FLOORING REMOVAL



EXAMPLES

- Containers
 - Mislabeled
 - Unread labels
 - Hazardous waste staged in Non Hazard areas

CONTAINERS



CONTAINERS



CONTAINERS



CONTAINERS



CONTAINERS



EXAMPLES

- Waste from specific process
 - Sandblasting
 - Wood Treating
 - Plating
- Waste generated from specify processes is considered hazardous waste
 - Remember to ask about the process

PROCESS WASTE SANDBLASTING



PROCESS WASTE SANDBLASTING



PROCESS WASTE SANDBLASTING



PROCESS WASTE WOOD TREATING



PROCESS WASTE WOOD TREATING



PROCESS WASTE WOOD TREATING



PROCESS WASTE WOOD TREATING



PROCESS WASTE PLATING



PROCESS WASTE PLATING



REMEMBER

Just say

NO

Unless you

KNOW

Multi-Lift Excavation



Barium Paint Pigment in Landfill



QUESTIONS



FOR ADDITIONAL INFORMATION CONTACT:

Trisha Confer

Department of Environmental Quality

Saginaw Bay District Office

Office of Waste Management and Radiological Protection

Phone: 989-225-7968

E-mail: confert@michigan.gov

Web site: http://www.michigan.gov/deq/0,4561,7-135-3312_4123-336759--,00.html (or go to www.Michigan.Gov/DEQ)

UPCOMING HAZARDOUS WASTE WEBINARS

Hazardous Waste Characterization and Generator Status -
Wednesday, March 4, 2015 from 10:00 to 11:00

- This is the 1st webinar in the Introduction to Hazardous Regulations Webinar Series. During this webinar you will learn how to determine if a waste is considered a hazardous waste, liquid industrial waste, or non-hazardous solid waste; and how to use that determination to calculate a site's generator status. These concepts are vital to understanding how to properly manage and dispose of waste.

UPCOMING HAZARDOUS WASTE WEBINARS

Hazardous Waste Generator Accumulation, Storage, and Labeling Requirements – Wednesday, March 11, 2015 from 10:00 to 11:00

- This is the 2nd webinar in the Introduction to Hazardous Regulations Webinar Series. This webinar will provide an overview of the requirements associated with onsite hazardous waste management, including: accumulation limits and timelines, storage requirements for hazardous waste in designated storage areas and satellite containers, container labeling requirements, closed container requirements, and Subpart CC requirements.

UPCOMING HAZARDOUS WASTE WEBINARS

Hazardous Waste Generator Recordkeeping & Inspections

- Thursday, March 19, 2015 from 10:00 to 11:00
- This is the 3rd webinar in the Introduction to Hazardous Regulations Webinar Series. This webinar provides an overview of the records that a hazardous waste generator is required to maintain, including waste characterizations, monthly waste inventory, uniform manifests, and land disposal restriction notifications. The webinar will also provide an overview of what to expect during a DEQ hazardous waste inspection.